

Title (en)

DEVICE FOR NEUTRALIZATION OF ELECTROSTATIC CHARGES FROM MATERIAL IN BULK CONTAINERS

Title (de)

VORRICHTUNG ZUR NEUTRALISIERUNG VON ELEKTROSTATISCHEN LADUNGEN VON EINEM MATERIAL IN SCHÜTTGUTBEHÄLTERN

Title (fr)

DISPOSITIF PERMETTANT DE NEUTRALISER LES CHARGES ELECTROSTATIQUES DES MATIERES DANS DES CONTENANTS DE MATIERES EN VRAC

Publication

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Application

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Abstract (en)

[origin: WO2004005164A1] The present invention is about a mechanism in a container such as a FIBC (1), which enables the immediate neutralization of the electrostatic charges generated during filling, emptying or transporting of the containers. FIBCs are used to carry bulk solids powders, such as sugar, flour, starch and chemical substances. The FIBC (1), which enables neutralization of the electrostatic charge generated within the material in the bag, developed with this invention, is characterized by inner devices (3) knitted preferably with multi-filaments or mono-filaments and tapes, made of polymers in the form of a web or net with a special antistatic additive, established to an appropriate place in the FIBC (1) so as to have maximum contact with the bulk solids powders in the FIBC (1) in order to neutralize the electrostatic charge at distant points of the FIBC's wall.

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